



2125

#12

March 18, 2004

Dear Mr. Albert Paladini
Patent Examiner
Fax: 703-746-7239

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MAR 24 2004

Application/Control Number: 10/079,309
Art Unit: 2125

Technology Center 2100

Reference: Office Communication dated March 4, 2004

Thank you for taking the time to provide us with examples regarding the proper format in which to submit our "Amendment." We now believe that the format of our amended specification and amended claims is in compliance with 37 CFR 1.121. However, if this submittal still does not comply with 37 CFR 1.121, we will gladly accept any advice you may have in which to correct our submittal. We have made a genuine effort to understand exactly what is required to accurately respond to your office's "Notice of non-Compliant Amendment."

My staff has spoken with Dr. Bot LeDinh, who was very polite and helpful in giving us the advice and suggestions we needed to respond to your Office communication.

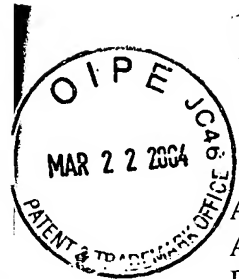
We have mailed our amended specification and amended claims to your office today.

Sincerely,

Gary J. Corey

21445 Bundy Canyon Drive, Wildomar, California, USA, 92595

Title of Invention: Multi-Axes Tool Compensation -- 3D and 5-axis real-time interactive tool compensation inside the CNC machine tool controller.



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In Part

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CB
3/25/04

Applicant : Gary John Corey
Appl. No. : 10/079,309
Filed : January 11, 2002
Title : Multi-Axes Tool Compensation – 3D and 5-axis real time
interactive tool compensation inside the CNC machine tool
controller

Grp./A.U. : 2125
Examiner : Albert W. Paladini

Docket No. : None

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Honorable Commissioner for Patents
Washington DC 20231

Technology Center 2100

AMENDMENT

Sir:

In response to the Office action of March 4, 2004, please amend the above-identified application as follows:

In the Specification – Substitue Specification includes no new matter:

Please add a new section, lines 1-37, after the first paragraph on page 4, as follows:

BRIEF DESCRIPTIONS OF THE SEVERAL VIEWS OF THE DRAWINGS

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG 1. is the operator interface screen that users use to enter in the tool size and offsets.

FIG 2. individually labels the various dimensions used in the calculations of Multiple-axis Tool Compensation.

FIG 3. isolates one of the key pivot points used in the calculation.

FIG 4. shows a side view to further depict the angular dimension used in the calculation.